

INDEX No. 112

LIMA LOCOMOTIVE WORKS, INC.

DETAIL INDEX, DEPARTMENT A

60 Ton- 2 TRUCK

60 TON LOCOMOTIVE, SHAY TYPE

[illegible]

Steel Castings. Cylinder and Truck Parts.	BEGIN LOCO.			BEGIN LOCO.			BEGIN LOCO.			BEGIN LOCO.		
NAME OF PIECE	No. Pieces	MARK	CARD	No. Pieces	MARK	CARD	No. Pieces	MARK	CARD	No. Pieces	MARK	CARD
CYLINDER PARTS.												
Crosshead	3	7025	7816									
Throttle Lever Quadrant	1	544	12135									
Cylinder Frames	2 R. 7041 1 L. 7684		15940 15940									
Bottom Bracket	1	7040	A-15521									
Links	3	7021	8000									
Valve Stem Crosshead		CAST IRON										
Tumbling Shaft Collars	2	9583	8223									
BOTTOM BRACKET CAPS (1/4" DRILL)	4	7099	8717									
TRUCK PARTS.												
Crank Coupling—Front End	1	2279	9024 SET 11									
Crank Coupling—Rear End	1	2279	9024 SET 11									
Coupling Ring—Whole—Front Truck	2	4267	4836									
Coupling Ring—Whole—Rear Truck	2	4267	4836									
Coupling Ring—Half—Front Truck	4	4268	4836									
Coupling Ring—Half—Rear Truck	4	4268	4836									
Coupling Ring—Whole—Second Truck	7											
Coupling Ring—Half—Second Truck												
Coupling Ring—Whole—Third Truck												
Coupling Ring—Half—Third Truck												
Line Shaft Collar, (Narrow) Front Shaft	2	74-325 5850	9152 SET 6									
Line Shaft Collar, (Narrow) Rear Shaft	2	74-325 5850	9152 SET 6									
Line Shaft Collar, (Wide) Front Shaft	2	L-M-213	9136 SET 12									
Line Shaft Collar, (Wide)—Rear Shaft	1	L-M-213	9136 SET 12									
Line Shaft Collar, (Narrow) 2nd Shaft	7											
Line Shaft Collar, (Wide) 2nd Shaft												
Line Shaft Collar, (Narrow) Third Shaft												
Line Shaft Collar, (Wide) Third Shaft												
Line Shaft Collar—End of Rear Shaft	4 1/2" BORE 1	3065	9152 SET 7									
Line Shaft Pinions—Front Truck	4 1/2" " 2	#74-63	742A5102									
Line Shaft Pinions—2nd Truck	7											
Line Shaft Pinions—3rd Truck	7											
Line Shaft Pinions—Rear Truck	4 1/2" BORE 2	#74-63	742A5102									
Line Shaft Coupling—Front Shaft	4 1/2" " 1	2279	9016 SET 2									
Line Shaft Coupling—2nd Shaft Front End	7											
Line Shaft Coupling—2nd Shaft Rear End												
Line Shaft Coupling—3rd Shaft Front End												
Line Shaft Coupling—3rd Shaft Rear End												
Line Shaft Coupling—Rear Shaft	4 1/2" BORE 1	2279	9016 SET 2									
Sleeve Coupling—Front Truck	1	5132	5492									
Sleeve Coupling—No. 2 Truck	7											
Sleeve Coupling—No. 3 Truck												
Sleeve Coupling—Rear Truck	1	5132	5492									
Square Shaft—Front Truck	4" x 46" 1	5901	9017									
Square Shaft—2nd Truck	7											
Square Shaft—3rd Truck												
Square Shaft—Rear Truck	4" x 66 1/2" 1	6403	9053 LINE 6									
Gear Rims	4	74-63	743A5037									
Wheel Center	—											
Right Truck Box—Front Truck	2	3768	4201									
Right Truck Box Cap—Front Truck		CAST IRON										
Right Truck Box—2nd Truck	7											
Right Truck Box Cap—2nd Truck												
Right Truck Box—3rd Truck												
Right Truck Box Cap—3rd Truck												
Right Truck Box—Rear Truck	2	3768	4201									
Right Truck Box Cap—Rear Truck		CAST IRON										
Left Truck Pedestal	4	3775	4266									
Left Truck Pedestal Cap	4	3994	4266									

Steel Castings. Truck Parts.
Frame Parts. Boiler Parts.
Truck Parts--(Continued)

BEGIN LOCO.

BEGIN LOCO.

BEGIN LOCO.

BEGIN LOCO.

NAME OF PIECE

No. Pieces

MARK

CARD

No. Pieces

MARK

CARD

No. Pieces

MARK

CARD

No. Pieces

MARK

CARD

Bottom Center Plate

2

3258

3481
LINE 4

Brake Hanger--For Crossbar
CANCELLED
BEGIN LOCO. 2698

2

3258

3481
LINE 4

Side Bearing--On Truck

2

3258

3481
LINE 4

Bolster Brake Lever Fulcrum

2

3258

3481
LINE 4

Brake Beam Fulcrum

4

3635

9801

Brake Lever Stop Lug--On Truck

2

3313

3555

Truck Spring Bolster

2

3313

3555

Truck Side Frame--Left

2

3313

3555

Truck Side Frame--Right--Front Truck

2

3313

3555

Truck Side Frame--Right--2nd Truck

2

3313

3555

Truck Side Frame--Right--3rd Truck

2

3313

3555

Truck Side Frame--Right--Rear Truck

2

3313

3555

Truck Brake Strut

2

3313

3555

TRUCK TOP CROSS TIE BAR (BEGIN LOCO. 2698) 2 9226 A-9763

" " " " (93-273) 2 7417 A-9716 SET 6

FRAME PARTS.

Engine Frame End Casting Connection

2

603

3480
LINE 4

48-47. 483A5008.

Tender Frame End Casting

2

603

3480
LINE 4

Engine Frame Center Plate

2

603

3480
LINE 4

Tender Frame Center Plate

2

603

3480
LINE 4

Shackle Bar Pocket--Engine Frame

2

603

3480
LINE 4

Shackle Bar Pocket--Tender Frame

2

603

3480
LINE 4

Pilot Coupler Frames

2

603

3480
LINE 4

Truss Heads

4

2604

12420

48-492

Truss Pads--Right

4

3310

3554

48-26 482A5010

Truss Pads--Left

4

3309

3554

48-25 482B5010.

End Pad Clamp--Right

2

5400

4787

48-167

End Pad Clamp--Left

2

5400

4787

48-317

Center Pad Clamp--Right

2

5400

4787

48-168

Center Pad Clamp--Left

2

5400

4787

48-168

Side Bearing--Right Side

2

5400

4787

48-168

Drawhead, Front

1

D-12609

D-27004

37-14

373A5002

Drawhead, Back

1

D-12609

D-27004

37-14

"

End Timber Angle Brace

4

7416

11065

48-75

482A5125

DRAFT GEAR FRAME - RIGHT SIDE - FRONT

1

7410

A-10470

37-25

372A5075

" " " " - REAR

1

7412

A-10459

37-41

372A5075

" " " " - LEFT SIDE - REAR

1

7413

A-10459

37-48

372A5075

" " " " - FRONT

1

7411

A-10470

37-25

372A5075

" " CONNECTING ROD

2

37-27

10469

37-25

372A5075

" " FRICTION PLATES

8

37-38

10452

37-38

372A5075

" " SLIDING BAR

2

7208

10452

37-39

372A5075

" " YOKE BLOCK

2

7633

10473

37-52

372A5034

DRAWBAR

2

7203

10448

37-19

372A5056

" " GUIDE

2

7206

10449

37-22

372A5038.

BOILER PARTS.

Smoke Box Brace Pad

2

2902

3187
LINE 2

Throttle Lever Bell Crank

1

2942

3046

Throttle Lever Bell Crank Fulcrum

1

2942

3046

Sling Stay T Bars--Right

2

2942

3046

Sling Stay T Bars--Left

2

2942

3046

Washout Plug Cap

1

5031

11403

Bell Clapper

1

6851

12535

MALLEABLE CASTINGS--

Brake Heads

8

5311

9812

CYLINDER COCK BASE

3

7432

7315

" " TOP

3

7433

7315

" " VALVE LEVER

3

7435

7315

Brass Castings,
Boiler and Cab Fittings.

BEGIN LOCO.

BEGIN LOCO.

BEGIN LOCO.

BEGIN LOCO.

NAME OF PIECE

No. Pieces

MARK

CARD

No. Pieces

MARK

CARD

No. Pieces

MARK

CARD

No. Pieces

MARK

CARD

Water Gauge Lamp Bracket

1

5520

11406

2

9297

11435

Steam Brake Valve Handle

1

5108

4345

Steam Brake Stuffing Box

1

3816

4345

Steam Brake Valve Stuffing Box Nut

1

0404

Brass Castings. Cylinder, Truck, Frame and Tank Parts.	BEGIN LOCO.			BEGIN LOCO.			BEGIN LOCO.			BEGIN LOCO.		
	No. Pieces	MARK	CARD	No. Pieces	MARK	CARD	No. Pieces	MARK	CARD	No. Pieces	MARK	CARD
CYLINDER PARTS.												
Steam Chest Relief Valve	3	2641	154									
Steam Chest Relief Valve Base	3	2643	154									
Steam Chest Relief Valve Cap	3	2642	154									
Piston Rod Vibrating Cup	7	CAST IRON										
Piston Rod Spring Washer	7	"	"									
Piston Rod Spring Sleeve	7	"	"									
Piston Rod Packing Rings—Babbitt	6	—	7719 SET 2									
Piston Rod Swab Cup	3	5298	7707	65-26								
Piston Rod Follower	7	CAST IRON										
Valve Stem Vibrating Cup	7	"	"									
Valve Stem Spring Washer	7	"	"									
Valve Stem Spring Sleeve	7	"	"									
Valve Stem Packing Rings—Babbitt	6	—	7719 SET 7									
Valve Stem Swab Cup	3	5375	7712									
Valve Stem Follower	1											
Crosshead Pin Brass—Top Half	3	7028	8927									
Crosshead Pin Brass—Bottom Half	3	7028	8927									
Crank Pin Brass—Top Half	3	4321	8925									
Crank Pin Brass—Bottom Half	3	4321	8925									
Crosshead Shoe	7	CAST IRON										
Bracket Box Bearing—Lower Half	7	"	"									
Bracket Box Bearing—Upper Half	7	"	"									
Cylinder Cock Red Lower VALVE	6	7434	7315									
Eccentric Strap Oil Cup Cover	3	5258	5133									
Connecting Rod Oil Cup												
Connecting Rod GREASE CUP BASE Oil Cup Cover	3	6387	7124									
Connecting Rod Grease Cup Piston	3	2691	7121									
Connecting Rod Grease Cup Lock CHAMBER	3	2690	7121									
Bottom Bracket Grease Cup Cap	7											
Bottom Bracket Grease Cup Piston	7											
Bottom Bracket Grease Cup Piston Follower	7											
Bottom Bracket Grease Cup Lock Nut	7											
TRUCK & FRAME PARTS.												
Coupling Ring Bushings—Front	8	74-19 2010	742-A 5035 4836									
Coupling Ring Bushings—No. 2 Truck	7											
Coupling Ring Bushings—No. 3 Truck	7											
Coupling Ring Bushings—Rear Truck	8	74-19 2010	742-A 5035 4836									
Journal Bearings	8	2388	4201									
Thrust Plate	4	3260	3483									
Line Shaft Bearings—Outside Half—Front Truck	2	5855	9214									
Line Shaft Bearings—Inside Half—Front Truck	2	5854	9214									
Line Shaft Bearings—Outside Half—No. 2 Truck	7											
Line Shaft Bearings—Inside Half—No. 2 Truck	7											
Line Shaft Bearings—Outside Half—No. 3 Truck	7											
Line Shaft Bearings—Inside Half—No. 3 Truck	7											
Line Shaft Bearings—Outside Half—Rear Truck	2	5855	9214									
Line Shaft Bearings—Inside Half—Rear Truck	2	5854	9214									
Steam Break Relief Valve	3	7079	201									
Steam Brake Relief Valve Top	3	7080	201									
Steam Brake Relief Valve Base	3	7081	201									
Steam Brake Release Check	1	02770	13523									
Steam Brake Release Check Valve	1	02769	13523									
TANK PARTS.												
Tank Valve	2	1308	188									
Tank Valve Seat	2	1307	188									
Hose Connection Nuts	7											
Hose Connection Nipples	7											
GUIDE OIL CUP	6	4915	7107									
" " " COVERS	6	4916	7107									
PACKING OIL CUP	6	4886	7109									
" " " COVERS	6	5090	7109									

Cylinder and Valve Gear Parts. Cast Iron.	BEGIN LOCO.			BEGIN LOCO.			BEGIN LOCO.			BEGIN LOCO.		
	No. Pieces	MARK	CARD	No. Pieces	MARK	CARD	No. Pieces	MARK	CARD	No. Pieces	MARK	CARD
CYLINDER ASSEMBLED CARD.												
Cylinder—Cast in One Piece { Right Left	—											
Cylinder Barrel—Cast Separate	3	XX	XXXX	2R 7118 1L 9687		15942						
Cylinder Frame—Cast Separate	—	CAST STEEL										
Cylinder Head	3	3011	7201									
Cylinder Head Casing	3	XXXX	XXXX	3	L-M-3	7203						
Steam Chest Cover	3	7022	7418									
Steam Chest Casing	3	XXXX	XXXX	3	7674	7401						
Slide Valve	3	7023	7411									
Slide Valve Balance Plate	3	7024	7411									
Slide Valve Balance Rings	3	6786	4488									
Slide Valve Balance Strips—Long	7											
Slide Valve Balance Strips—Short	7											
Crosshead		CAST STEEL										
Crosshead Guide	6	7119	7401									
Piston Head	3	01154	7508 3274									
Piston Packing Rings	6	6278	4488									
Piston Rod Stuffing Box	3	5284	7707	65-41								
Piston Rod Stuffing Box Gland	3	5285	7707	65-42								
Piston Rod Vibrating Cups	3	5286	7707	65-43								
Piston Rod Spring Washer	3	5288	7707	65-44								
Piston Rod Spring Sleeve	7											
Piston Rod Stuffing Box Fiber Packing	7											
Piston Rod Stuffing Box Nut or Gland	7											
Valve Stem Stuffing Box—Fiber Packing	7											
Valve Stem Stuffing Box Nut or Gland	7											
Valve Stem Stuffing Box Metallic Packing	3	5373	7712									
Valve Stem Stuffing Box Gland	3	5374	7712									
Valve Stem Vibrating Cups	3	5287	7712									
Valve Stem Spring Washer	3	5376	7712									
Valve Stem Crosshead	3	7036	8000	94-4		942 A 5043						
Valve Stem Crosshead Guide	3	7037	8007									
Valve Stem Crosshead Guide Plates	6	7038	8007									
Tumbling Shaft Box	3	7029	8215									
Tumbling Shaft Box Cap	3	3824	8215									
Universal Coupling Ball	2	02166	8316	2	69-2							
Universal Coupling Socket	2	02167	8316	2	69-3							
Universal Coupling Cap	2	02167	8316	2	69-3.							
Eccentric Strap—Top Half	6	7034	8414									
Eccentric Strap—Bottom Half	6	7035	8414									
Eccentric No. 1 Cylinder	1	7030	8415									
Eccentric No. 3 Cylinder	1	7031	8415									
Eccentric No. 2 Cylinder—Top Half	1	7032	8415									
Eccentric No. 2 Cylinder—Bottom Half	1	7033	8415									
Cylinder Cock Lever		MALL. IRON										
Cylinder Cock Hand Lever ROD HANDLE	3	XXXX	XXXX									
Bottom Bracket		CAST STEEL										
Bottom Bracket Caps		CAST STEEL										
Bottom Bracket Bearing Top	4	5320	8703									
Bottom Bracket Bearing Bottom	4	5319	8703									
Bottom Bracket Bearing Wedges	4	5395	8703									
Bottom Bracket Wedge Screw Cap	4	5275	8703									
Bottom Bracket Oil Cup Cover	4	7043	7142	4	8301	7152						
Bottom Bracket Oil Cup SPRING CAP	4	7044	7142									
Bottom Bracket Oil Cup Hinge Lugs	4	7042	7142	4	8300	7152						
Bottom Bracket GREASE Cup Hinge Lugs	—			4	8303	7154						
Steam Brake Valve Base	1	3872	4345									
Steam Brake Valve Cap	1	3873	4345									
Steam Brake Valve Slide Valve	1	3874	4345									
Crosshead Shoe	6	7027	7816									
BOTTOM BRACKET GREASE CUP PLUG	—			4	6679	7154						
" " " " LOCK NUT	—			4	6678	7154						
TUMBLING SHAFT COLLARS	2	9200	8223	2	XXXX	8223						

[illegible]

Cylinder and Valve Gear. Forgings.	BEGIN LOCO.			BEGIN LOCO.			BEGIN LOCO.			BEGIN LOCO.		
NAME OF PIECE	No. Pieces	MARK	CARD	No. Pieces	MARK	CARD	No. Pieces	MARK	CARD	No. Pieces	MARK	CARD
Connecting Rod	3	F3769	8965									
Connecting Rod Strap	3	F3061	8955									
Connecting Rod Wedge—Top	3	F3103	8959									
Connecting Rod Wedge—Bottom	3	F3823	8959									
Connecting Rod Key—Top	3	89F-21	8964									
Connecting Rod Key Washer	3		8964									
Connecting Rod Wedge Bolts	3	F4131	8956									
Connecting Rod Strap Bolts	6	F3062	8958									
Crosshead Pin	3	F3101	78126									
Piston Rod	3	F5394	652A-5104									
Piston Rod Key	3	#5	7806									
Piston Rod Packing Studs	7758 Set 4 1/2	F3232	7707	12-5/8 nuts -								
Valve Stem Packing Studs	9	F3233	7712									
Valve Yoke	3	F3153	7600									
Valve Yoke Block	0	0	0									
Valve Yoke Pin	0	0	0									
Valve Stem Key	3	#4	8006									
Link—Top Half	6		XXXX	6	583A-5001.							
Link—Bottom Half	6		XXXX									
Link Saddle	3	F3355	XXXX	3	583A-5001. 58A-5009							
Link Block	3	XXXX	XXXX	3	582A-5015							
Link Block Plates	6		XX	6	582A-5015							
Link Block Pin	3		85123									
Link End Piece	0	0	0									
Link Hanger	3		5043	3	58906 8122							
Link Hanger Pin	3	F3743	8502									
Link End Bolts	0	0	0									
Link Saddle Bolts	3	F3073	XXXX	6	583A-5001							
Eccentric Blade	6	F3741	8425									
Eccentric Blade Pins	6	F3742	8510									
Eccentric Dowel No. 2 Eccentric	2	F3789	8415									
Eccentric Stud No. 2 Eccentric	2		"									
Eccentric Blade Bolts to Strap	6	F3744	8502									
Tumbling Shaft	1	F3745	8205									
Reverse Lever	1	F3749	8325									
Reverse Lever Shaft	1		8325									
Reverse Lever Quadrant	1	83-F107	8330									
Reverse Lever Quadrant Plate	1	83-F108	8328									
Reverse Lever Shaft Stand	1	#2	8328									
Reverse Lever Latch	1	F1787	5471									
Reverse Lever Latch Lifter	1	F426	3294									
Reverse Lever Latch Stem	1	F5026	3293									
Reverse Lever Latch Stem Guide	1	F427	3294									
Reverse Lever Latch Stem Guide	1	F-1958	3294									
Reverse Lever Latch Gib	1	F428	3294									
Universal Coupling Ends	1	F1857	8316									
Universal Coupling Sleeve Nut	1	F1856	8316									
Universal Coupling Jam Nut	1	F1853	8316									
Crank Shaft	1	F1855	8316									
Bracket Crank Box Wedge Screw	1	#50	4885									
Bracket Crank Box Cap Bolts	4		8703									
Cylinder Cock Rod Eye Bolts	16											
Cylinder Cock Rod Eye Bolts	1	F3768	7315									
Cross Head Bolts	6	F3100	7816									
Cross Head Guide Bolts	1	F4603	7322									
Lifting Shaft Fork Bolts	1	F4604	7322									
Steam Brake Valve Details			4305									
Cylinder Bracket Brace	1		8723									
Cylinder Bracket Brace Pin												
Cylinder Head Casing Flanged												
Steam Chest Cover Casing Flanged												
Oil Cup Needle Valve	3	#7										
Oil Cup Needle Valve	3	#13										
Oil Cup Needle Valve	3		762A-5009									
Balance Plate Springs	2	90F-2										
Crank Coupling Keys												

[illegible]

